

FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet ✓

Location Map Pinned ✓

Card Indexed ✓

I W R for State or Fee Land

Checked by Chief *[Signature]*

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 4-14-68

Location Inspected

OW ✓ WW TA

Bond released

GW OS PA

State of Fee Land

LOGS FILED

Driller's Log 5-1-68

Electric Logs (No.) 4

E Dual I Rock E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Other

Coupled Comp

Edwall Newton Paracety Log

Impersated formation Density Log

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1714, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

At proposed prod. zone 1980 FSL, 1980 FEL

C NW SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Upper Valley

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Upper Valley Unit

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 24, T-36- S, R-1-E

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

2,360

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6700

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7246 Gr.

22. APPROX. DATE WORK WILL START*

December 28, 1967

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	60	Cement to surface - 50 sx
15"	8-5/8"	24#	2700	200 sx.
7-7/8"	2" parasite tubing string	14.0 and 15.5#	6700	370 sx

We plan to drill to an approximate T.D. of 6700.

Log, run casing as shown above and complete as

an oil well. Conduct potential tests.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATIONDATE December 19, 1967BY Leon B. Taylor

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

M. K. Wagner

TITLE

DATE December 14, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS (3)

Comm (2)

Sun (1)

*See Instructions On Reverse Side

COMPANY TENNECO OIL COMPANY

Well Name & No. UPPER VALLEY No. 9

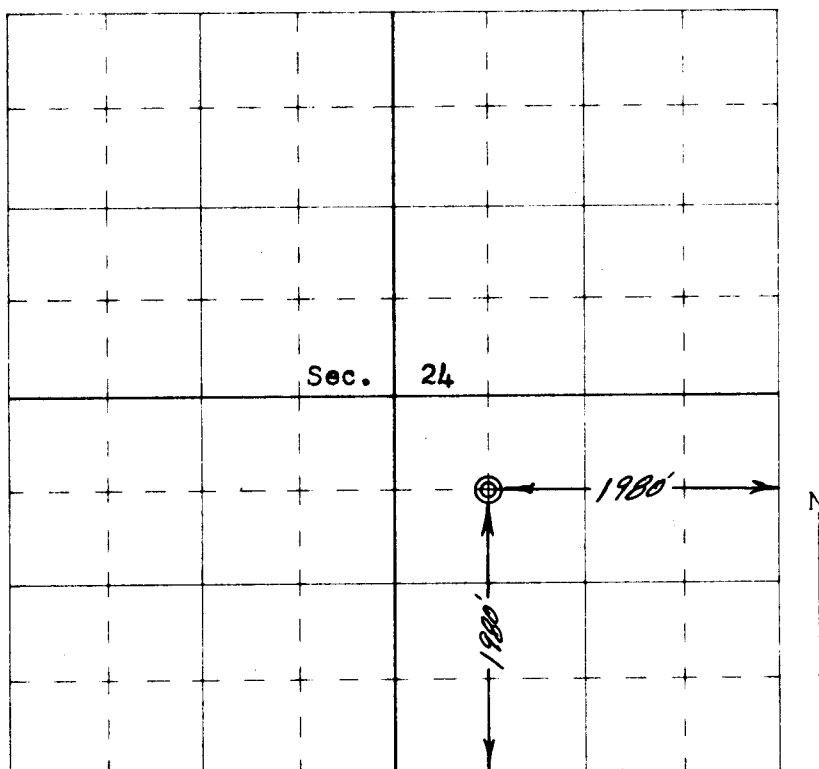
Lease No. U-019379

Location 1980 FEET FROM THE SOUTH LINE & 1980' FROM THE EAST LINE

Being in CENTER NW SE

Sec. 24, T 36 S, R 1E, S.L.M., Garfield County, Utah

Ground Elevation 7246' ungraded



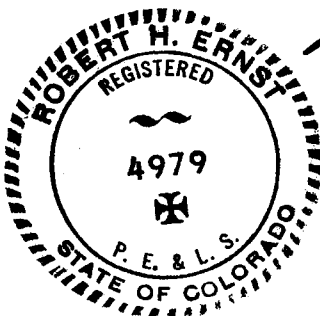
Scale -- 4 inches equals 1 mile

Surveyed 12 December, 19 67

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Ernst Engineering Co.
Durango, Colorado



Registered Professional
Engineer and Land Surveyor.

Robert H. Ernst
Colo. PE & LS 4979
N. Mex. PE & LS 2463

TABULATION OF DEVIATION TESTS

TENNECO OIL COMPANY

UPPER VALLEY NO. 9

<u>DEPTH</u>	<u>INCLINATION</u>
366'	1/2°
580'	1-1/2°
760'	2-1/4°
880'	2-1/4°
1035'	2°
1315'	2°
1535'	1-3/4°
1900'	1°
2281'	1-1/2°
2400'	1°
2780'	3/4°
3200'	1-1/2°
3495'	2-1/2°
3932'	2-3/4°
4405'	4°
4815'	3-3/4°
5124'	5-1/4°
5534'	6°
5825'	4-1/4°
6150'	2-3/4°
6465'	2°
6685'	3/4°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on TENNECO OIL COMPANY'S UPPER VALLEY NO. 9, Upper Valley Unit, located in Section 24, T-36-S, R-1-E, Garfield County, Utah.

Signed M. K. Wagner
Agent

THE STATE OF COLORADO)
COUNTY OF LA PLATA)

BEFORE ME, the undersigned authority, on this day personally appeared M. K. Wagner known to me to be an Agent for Tenneco Oil Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that she has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 21st day of February, 1968.

Mary Ann Chapman

My commission expires November 19, 1969.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions, reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Upper Valley

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Upper Valley Unit

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 24, T-36-S, R-1-E

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☒ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1714, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1980 FSL, 1980 FEL

C NW SE

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7246 Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud 3 AM 1/22/68. Drilled to 2630 on 1/31. Ran 80 joints 8-5/8" 24# casing set at 2634, below KB 11.50. Strapped 77 joints 2-1/16" tbg to 2520' of casing. Cemented w/440 sacks cmt, WOC. Drilled to 6465. Ran DST #1: 6340-6465. Upper Kaibab. Rec 260' oil, 90' oil cut mud. Ran DST #2 from 6470-6530. Rec 830' oil, 450' oil cut mud. Drilled to T.D. of 6700 on 2/13/68. Ran Dual Induction, SNP and Formation Density logs. Ran 205 joints 5-1/2" 14.0 & 15.5# casing cmt @ 6696 w/375 sacks. WOC. Released rig 7:15 AM 2/15/68. WO Comp.

18. I hereby certify that the foregoing is true and correct

SIGNED

M. K. Wagner
M. K. Wagner

TITLE

DATE 2/21/68

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

USGS (3)

Comm (2)

Sun (1)

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instruction re-
verse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-019379	
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980 FSL, 1980 FEL C NW SE		8. FARM OR LEASE NAME Upper Valley	
14. PERMIT NO.		9. WELL NO. 9	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7258 Gr.		10. FIELD AND POOL, OR WILDCAT Upper Valley Unit	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24, T-36-S, R-1-E	
		12. COUNTY OR PARISH Garfield	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/16/68. RU Service Rig. Ran Gamma-Ray from 6615-6000, CB1 6615-4900, CCL 6615-4900. Perf 6448-56, 6495-6505 w/4 jets/ft. Treated each of the two zones with 300 gallons 15% HCL. Began swabbing. Swabbed interval 6495-6505. Rec 270 BQ and 130 BW. Fluid level 5400'. Swabbed interval 6448-56. Rec 142 BQ and 0 wtr. Fluid level steady @ 4200'. Ran tubing to 6404. Ran pump and rods. Started pumping on test. Rel rig 3/16/68.

Tested on pump until 4/10/68. RU Service Unit. Pulled rods and tubing., and pump. Acidized perfs 6495-6505 with 1000 gallons 15% HCL. Swab tested. Put well back on pump 4/11. Pump testing.

18. I hereby certify that the foregoing is true and correct

SIGNED M. K. Wagner
M. K. Wagner

TITLE _____

DATE 4/18/68

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

USGS (3)
Comm. (2)
Sun (1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-019379	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1714, Durango, Colorado 81301		8. FARM OR LEASE NAME Upper Valley	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980 FSL, 1980 FEL At top prod. interval reported below At total depth		9. WELL NO. 9	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 1/22/68		16. DATE T.D. REACHED 2/13/68	
17. DATE COMPL. (Ready to prod.) 4/14/68		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7258 Gr.	
19. ELEV. CASINGHEAD 7258		20. TOTAL DEPTH, MD & TVD 6700	
21. PLUG, BACK T.D., MD & TVD 6665		22. IF MULTIPLE COMPL., HOW MANY* ---	
23. INTERVALS DRILLED BY -->		ROTARY TOOLS 0-6700	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6448-6505		CABLE TOOLS 0	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Ind, SNP, Form. Density, Sonic Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24#	
2-1/16" tubing strapped to 2520' of casing		DEPTH SET (MD) 2634	
5-1/2"		14.0 & 15.5# 6696	
HOLE SIZE 15"		CEMENTING RECORD 440 sx	
7-5/8"		375 sx	
AMOUNT PULLED None			
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		6404	
31. PERFORATION RECORD (Interval, size and number) 6448-56 6495-6505 w/4 shots/ft.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6448-6505		Acidized w/300 gals 15% HCL	
6495-6505		Acidized w/1,000 gals 15% HCL	
33.* PRODUCTION		WELL STATUS (Producing or shut-in) Producing	
DATE FIRST PRODUCTION 4/14/68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump	
DATE OF TEST 4/13/68		HOURS TESTED 24	
CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD -->	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO Nil	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE -->		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.) 26.9°		TEST WITNESSED BY	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED M. K. Wagner	
TITLE		DATE 4/30/68	

* (See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF / CORED INTERVALS: AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Navajo Shinarump Kaibab	2890	4950	Sand - Water	Navajo	2890	
	5462	5600	Sand - Water	Chinle	4950	
	6335	T.D.	Dolomite - Oil to 6535	Shinarump	5462	
				Moenkopi	5600	
				Kaibab	6335	

MAY 1 1968



REPORT OF WATER ANALYSIS

RECEIVED
SEP 8 1976

Company TENNECO OIL COMPANY
ESCALANTE, UTAH
DIST 15

Date 17-Feb-76
Analysis No. 76V242, G
Sampling Date 2-3-76
Date Sample Rec'd. 2-11-76

Sample Marked

TENNECO #9

Upper Valley Unit

Karst formation

NW, SE, Sec 24, T36S, R1E

DISSOLVED SOLIDS

Cations	mg/l	meq/l	RESULTS AS COMPOUNDS	
Sodium, Na(calc.)	2450.	107.	as NaCl	mg/l
Calcium, Ca	840.	42.0	as CaCO ₃	2100.
Magnesium, Mg	170.	14.0	as CaCO ₃	700.
Barium, Ba			as BaSO ₄	

Sum of Cations 3460. 163.

Anions

Chloride, Cl	3280.	92.3	as NaCl	5400.
Sulfate, SO ₄	1890.	39.4	as Na ₂ SO ₄	2800.
Carbonate, CO ₃			as CaCO ₃	
Bicarbonate, HCO ₃	1880.	30.8	as CaCO ₃	1540.

Sum of Anions 7050. 163.

Dis. Solids (calc.)	10500.			
Total Iron, Fe	.7	.0	as Fe	.7
Acid to Phen., CO ₂	101.	2.3	as CaCO ₃	230.

OTHER PROPERTIES

pH (units)	7.5
Spec. Gravity (g/ml)	1.004
Turbidity (jtu)	5.0

CaCO₃ STABILITY INDEX

@ 70° F.

@ 120° F.

@ 160° F.

Method of Stiff & Davis

3 D. G. HASS
H. E. KING

Remarks:

[Signature]
NALCO CHEMICAL COMPANY
VISCO CHEMICALS

P. O. BOX 87 • SUGAR LAND, TEXAS 77478

Operator Change

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUB *C* TRIPPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to recomplete wells.
Use "APPLICATION FOR PERMIT—" for such purposes.)

<div style="font-size: 2em; font-weight: bold; opacity: 0.5; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> RECEIVED FEB 01 1988 </div>		5. LEASE DESIGNATION AND SERIAL NO. varies 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 020910 7. UNIT AGREEMENT NAME Upper Valley Unit 8. FARM OR LEASE NAME 9. WELL NO. 10. FIELD AND POOL, OR WILDCAT Upper Valley - Kaibab 11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Townships 36S, 37S; Range 1E 12. COUNTY OR PARISH Garfield 13. STATE Utah
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR Tenneco Oil Company No 950 3. ADDRESS OF OPERATOR P.O. Box 3249 Englewood, CO 80155 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	14. PERMIT NO. 15. ELEVATIONS (Show whether OF, BT, GR, etc.) 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data	

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Tenneco Oil Company has sold its interest to the Upper Valley Unit located in various sections of Township 36S, 37S and Range 1E, 2E. The sale was to Citation Oil and Gas Corp. (16800 Greenspoint Park Drive, Suite 300, Houston, Texas 77060) effective 9/1/87. Attached is a list of unit wells which were sold.

N0265

18. I hereby certify that the foregoing is true and correct

SIGNED

Steve Fater

TITLE

Sr. Administrative Analyst

DATE

1/27/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Tenneco Oil Co. to Citation Oil and Gas Corp.

N0950 to N0265

EFF 9-1-87

RECEIVED
FEB 01 1988

UPPER VALLEY UNIT

DIVISION OF
OIL, GAS & MINING

Upper Valley #1	SE/4NE/4	Sec. 11, T-36-S, R-1-E	43-017-11021 ✓
	Water Injection		
Upper Valley #2	NW/4NW/4	Sec. 13, T-36-S, R-1-E	43-017-16025 ✓
POW/KBAB			
Upper Valley #3	SE/SW	Sec. 13, T-36-S, R-1-E	43-017-16026 ✓
POW/KBAB			
Upper Valley #4	SE/SE	Sec. 24, T-36-S, R-1-E	43-017-16027 ✓
W1W Upper Valley #5	SE/SW	Sec. 12, T-36-S, R-1-E	43-017-16028 ✓
POW/KBAB			
Upper Valley #6	SE/NW	Sec. 13, T-36-S, R-1-E	43-017-20233 ✓
W1W Upper Valley #7	SE/NE	Sec. 24, T-36-S, R-1-E	43-017-20258 ✓
POW/KBAB			
Upper Valley #8	NW/SW	Sec. 13, T-36-S, R-1-E	43-017-20275 ✓
POW/KBAB			
Upper Valley #9	NW/SE	Sec. 24, T-36-S, R-1-E	43-017-20324 ✓
POW/KBAB			
Upper Valley #10	SE/NE	Sec. 25, T-36-S, R-1-E	43-017-30001 ✓
POW/KBAB			
Upper Valley #11	SE/SE	Sec. 25, T-36-S, R-1-E	43-017-30002 ✓
POW/KBAB			
Upper Valley #12	NW/SW	Sec. 6, T-37-S, R-2-E	43-017-30015 ✓
POW/KBAB			
Upper Valley #13	NE/NW	Sec. 24, T-36-S, R-1-E	43-017-30003 ✓
POW/KBAB			
Upper Valley #14	SE/SE	Sec. 11, T-36-S, R-1-E	43-017-30004 ✓
POW/KBAB			
Upper Valley #15	SE/SW	Sec. 24, T-36-S, R-1-E	43-017-30005 ✓
W1W Upper Valley #16	SW/NE	Sec. 11, T-36-S, R-1-E	43-017-30007 ✓
PPA			
Upper Valley #17	SE/NE	Sec. 36, T-36-S, R-1-E	43-017-30011 ✓
POW/KBAB			
Upper Valley #17X	SE/NE	Sec. 36, T-36-S, R-1-E	43-017-30071 ✓
POW/KBAB			
Upper Valley #18	NW/SW	Sec. 31, T-36-S, R-2-E	43-017-30012 ✓
W1W POW/KBAB			
Upper Valley #19	NW/NW	Sec. 6, T-37-S, R-2-E	43-017-30013 ✓
POW/KBAB			
Upper Valley #20	NW/NE	Sec. 25, T-36-S, R-1-E	43-017-30014 ✓
POW/KBAB			
Upper Valley #21	NW/NW	Sec. 7, T-37-S, R-2-E	43-017-30021 ✓
PPA			
Upper Valley #22	SE/NW	Sec. 14, T-36-S, R-1-E	43-017-30025 ✓
W1W Upper Valley #23	SE/NW	Sec. 30, T-36-S, R-2-E	43-017-30030 ✓
W1W Upper Valley #24	NE/NE	Sec. 23, T-36-S, R-1-E	43-017-30041 ✓
W1W Upper Valley #25	SW/SE	Sec. 36, T-36-S, R-1-E	43-017-30033 ✓

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UPPER VALLEY UNIT (Continued)

DIVISION OF
OIL, GAS & MINING

W1W Upper Valley #26 Pow/KBAB	SW/SW	Sec. 24, T-36-S, R-1-E	<u>43-017-30036</u> ✓
Upper Valley #27 Pow/KBAB	NW/SE	Sec. 7, T-37-S, R-2-E	<u>43-017-30039</u> ✓
Upper Valley #28 Pow/KBAB	NW/NE	Sec. 24, T-36-S, R-1-E	<u>43-017-30032</u> ✓
Upper Valley #29 Pow/KBAB	SW/SW	Sec. 13, T-36-S, R-1-E	<u>43-017-30034</u> ✓
Upper Valley #30 Pow/KBAB	SE/NW	Sec. 24, T-36-S, R-1-E	<u>43-017-30037</u> ✓
Upper Valley #31 Pow/KBAB	SE/NE	Sec. 14, T-36-S, R-1-E	<u>43-017-30042</u> ✓
Upper Valley #32	NW/SE	Sec. 25, T-36-S, R-1-E	<u>43-017-30043</u> ✓
W1W Upper Valley #33	NW/NE	Sec. 36, T-36-S, R-1-E	<u>43-017-30047</u> ✓
W1W Upper Valley #34	SW/NE	Sec. 13, T-36-S, R-1-E	<u>43-017-30065</u> ✓
W1W Upper Valley #36	NW/NE	Sec. 14, T-36-S, R-1-E	<u>43-017-30048</u> ✓

OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. N/A	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Citation Oil & Gas Corp.		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 8223 Willow Place South, Houston, TX 77070		8. FARM OR LEASE NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 25 miles NE of Escalante, Utah At proposed prod. zone Upper Valley Unit		9. WELL NO. 10. FIELD AND POOL, OR WILDCAT Upper Valley	
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec 24, T36S, R1E		12. COUNTY Garfield	
13. STATE Utah		14. API NO. N/A	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) N/A		16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <u>Oil/Saltwater Spill</u>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)			

* Must be accompanied by a cement verification report.

On December 10, 1990, at 8:30 A.M. an oil/saltwater spill was discovered at the Satellite Battery for the Upper Valley Field. Cause of the incident was due to exterior corrosion on the 3" production line. Approximately 10 bbls of crude oil and 100 bbls of saltwater were spilled, however, all was contained on location. The spill was caught in the overflow tanks and has been pumped back into the system. No fresh water sources or areas were treathened. Approximately 8 bbls of the crude oil and 90 bbls of the saltwater were recovered.

017- 70258 - WIN
 50030 - WIN
 50031 - WIN
 30032 -
 16027
 20324
 30003
 30005
 50057
 50120 - WIN

18. I h

SIG

(T)

AP

CO

Administrative Asst.

DATE 12/12/90

DATE

<h2 style="margin: 0;">SUNDRY NOTICES AND REPORTS ON WELLS</h2> <p style="font-size: small; margin: 5px 0;">Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</p>		5. Lease Designation and Serial Number: U 019379
		6. If Indian, Allottee or Tribe Name:
		7. Unit Agreement Name: Upper Valley
		8. Well Name and Number: Upper Valley #9
1. Type of Well: OIL GAS OTHER: <input checked="" type="checkbox"/> <input type="checkbox"/>		9. API Well Number: 43-017-20324
2. Name of Operator Citation Oil & Gas Corp.		10. Field and Pool, or Wildcat: Upper Valley
3. Address and Telephone Number: 8223 Willow Place South, Suite 250, Houston, Texas 77070-5623 (281) 469-9664		
4. Location of Well Footages: 1980' FSL & 1980' FEL QQ, Sec., T., R., M.: C NW SE sec. 24- 36S- 1E		County: Garfield State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																									
<div style="text-align: center; font-size: small;"> NOTICE OF INTENT (Submit in Duplicate) </div> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> </table> <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> Return to production <input type="checkbox"/> Other _____ </div> <div style="margin-top: 10px;"> Approximate date work will start 2000 </div>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<div style="text-align: center; font-size: small;"> SUBSEQUENT REPORT (Submit Original Form Only) </div> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment*</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Other _____ </td> </tr> </table> <div style="margin-top: 10px;"> Date of work completion _____ </div> <div style="margin-top: 10px; font-size: x-small;"> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form * Must be accompanied by a cement verification report. </div>	<input type="checkbox"/> Abandonment*	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																								
<input type="checkbox"/> Other _____																									

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Citation plans to replace failed ESP equipment in above well and return to production.

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APR 03 2000

DIVISION OF
OIL, GAS AND MINING

13.	Name & Signature: <u>Sharon Ward</u>	Title: <u>Regulatory Administrator</u>	Date: <u>3/31/00</u>
-----	--------------------------------------	--	----------------------

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
U 019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
8910081780

8. WELL NAME and NUMBER:
Upper Valley Unit 9

9. API NUMBER:
4301720324

10. FIELD AND POOL, OR WILDCAT:
Upper Valley Kaibab

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:
Citation Oil & Gas Corp.

3. ADDRESS OF OPERATOR:
P.O. Box 690688 CITY Houston STATE TX ZIP 77269

PHONE NUMBER:
(281) 517-7194

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980' FSL & 1980' FEL

COUNTY: Garfield

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 24 36S 1E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/27/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Replaced ESP
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On June 17, 2005, shut well in and pulled pump and tubing. Tubing found to be covered with asphaltines, iron sulfide and scale. Cable was burned and tubing had a hole in it which appeared to be caused by external corrosion. Motor was found burned and pump intake 90% plugged. Replaced entire ESP and all tubing. Well was returned to production June 25, 2005.

RECEIVED
JUL 22 2005
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Debra Harris

TITLE Production/Regulatory Coordinator

SIGNATURE

Debra Harris

DATE 7/19/2005

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU019379
2. NAME OF OPERATOR: Citation Oil & Gas Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P O Box 690688 CITY Houston STATE TX ZIP 77269		7. UNIT or CA AGREEMENT NAME: 8910081780 Upper Valley Unit
PHONE NUMBER: (281) 517-7800		8. WELL NAME and NUMBER: Upper Valley Unit 9
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL & 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 24 36S 1E		9. API NUMBER: 43-017-20324
		10. FIELD AND POOL, OR WILDCAT: Upper Valley Kaibab
		COUNTY: Garfield
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation proposes to cement squeeze a suspected casing leak and return well to production with the attached procedures.

COPY SENT TO OPERATOR
Date: 5/18/07
Initials: [Signature]

NAME (PLEASE PRINT) Sharon Ward TITLE Permitting Manager
SIGNATURE [Signature] DATE 5/8/2007

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

RECEIVED
MAY 11 2007

(5/2000)

Date: 5/18/07
By: [Signature]

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

Work Over Procedure:

Comments: 1. The casing leak is likely in the Navajo.

Objective: Squeeze casing leak and RTP.

1. MIRUSU. RU REDA Schlumberger.
2. ND Tree. NU 3M BOP's. TOO H w/ 2-7/8" tubing, standing back and spooling wire. Perform visual inspection of tubing.
3. LD pump and motor and perform on site inspection. (If motor won't turn run gasoline through it and then try)
4. PU and TIH with 4 3/4" bit and scraper to 6600'.
5. RIH and RBP and PKR for 5 1/2" 14 & 15.5# J-55 casing. Set RBP @ 5500' PU and set packer @ 5495'. Test RBP to 1000 psi.
6. Navajo formation is located from 2890 to 4950'.
7. Isolate casing leak.
8. Once hole is located, establish injection rate and pressure (Dig out bradenhead and monitor 5 1/2" x 8 5/8" annulus). Report results to Chad Stallard. Pressure test casing annulus to 500 psi to ensure there are no additional leaks up hole.
9. If communication is established between the 5 1/2" x 8 5/8" annulus, procedure may be adjusted to squeeze with a CICR.
10. RIH and release RBP and PUH and set 50' below hole in casing and set packer 5' above RBP and test to 1000 psi. Once tested dump 2 sacks sand on top. Set packer 200' above hole in casing.
11. Squeeze hole in casing w/slurry and procedure determined by location and pump in rate of leak interval, will be discussed prior to actual job:

150 sx Neat G w/2% Cal.

Volume between packer and leak 4.76 bbs (assumes pkr set 200' above leak)

Tubing capacity volume 0.00579 bbls/bbls

Casing capacity 0.0238 bbls/ft

Note: Get water from polymer fresh water well. Allow well to run a few hours before taking water from well.

12. SD and wait on cement.
13. RDMO pump company.

14. Pressure test leak to 500 psi in morning before POOH and TIH with 4 ¾" bit and drill out cement. Will need 4-3 ½" drill collars to drill out cement and pressure test squeeze perms to 500# for 15 minutes.
15. If squeeze holds, PUUH and PU RBP retrieving head and wash out to RBP and POOH with RBP.
16. TI with production assembly and return well to production.
17. RDMOSU.
18. Place well on production and allow two days for stabilization prior to starting a one week test.

List of Citation Contacts

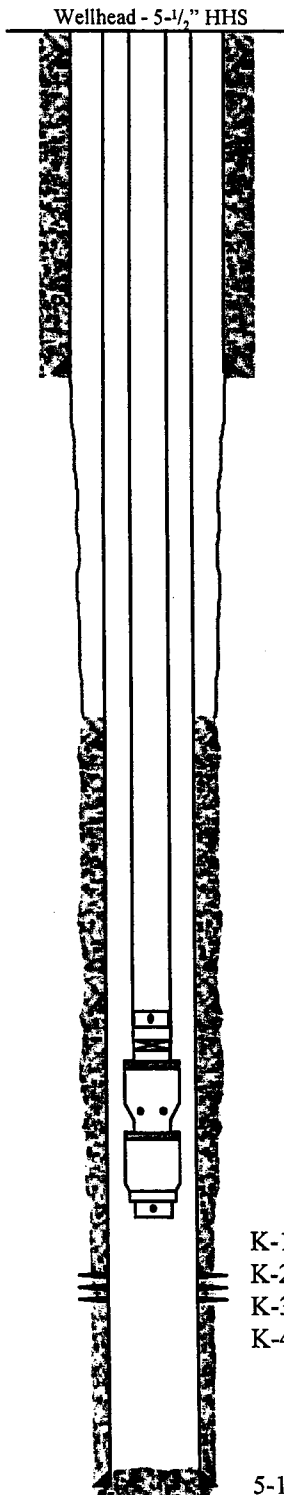
Foreman	Gary Harding	Cell: 435.826.4245
Engineer	Chad Stallard	Office: 281-517-7527 Cell: 713-249-4671
Engineer	Mark Bing	Office: 281-517-7197 Cell: 713.882.0285

**CITATION OIL AND GAS CORPORATION
WELLBORE DIAGRAM AND INFORMATION**

Well Name: <u>UVU #9</u>	Field: <u>Upper Valley Unit</u>
Updated: <u>5/4/07 CSS</u>	Location: <u>Sec24 -T36S-R1E</u>
County: <u>Garfield</u>	State: <u>Utah</u>
Current Stat: <u>Pumping Oil Well - Sub</u>	

3 x100 KVA Fact Trans 12,470/2285
#4 Redalene cable

Surface:	Sec 24 -T36S-R1E Garfield County, Utah
Completed:	2/16/68
Elevation:	7258'
KB:	12'
API #:	43-017-20324



Tbg (6-05): 207 jts 2-7/8" J-55 8rd EUE
bleeder valve
4' 2-7/8" pup
check valve
4' 2-7/8" pup
3 - 111 stg REDA DN 3000 pumps, new, intake landed
at 6320 KB
LSLSL HL seal
mtr - REDA 216 HP 2125V/65A Dominator, new, btm
at ±6365 KB
new #4 cable REDALENE 4KV, ±6400 ft

K-1: 6365', 6367', 6369', 6371', 6373' (Compl & acid: 11/68, Acid: 6/73)
K-2: 6412' - 6420' 1Jspf (Compl & acid: 11/68, Acid: 6/73)
K-3: 6448' - 6456' 4Jspf (Compl & acid: 2/68, Acid: 6/73)
K-4: 6495' - 6505' 4Jspf (Compl & acid: 2/68, Acid: 6/73)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
8910081780 Upper Valley Unit

8. WELL NAME and NUMBER:
Upper Valley Unit 9

9. API NUMBER:
~~73-047-203~~ 43-017-20324

10. FIELD AND POOL, OR WILDCAT:
Upper Valley Kaibab

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Citation Oil & Gas Corp.

3. ADDRESS OF OPERATOR:
P O Box 690688 CITY Houston STATE TX ZIP 77269

PHONE NUMBER:
(281) 517-7800

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FSL & 1980 FEL

COUNTY: Garfield

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 24 36S 1E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/16/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On May 9, 2007 Citation RU POOH w/207 jts tbg and pump. PU bit & scraper. RIH to 6588'. POOH PU RBP & pkr. RIH & set RBP @ 5508'. PU 1 jt & tested to 1000#. OK. PU to 3110' Tested OK. PU to 3020' Tested dn tbg. No press. Tested csg above pkr. OK. Dug & found surface csg valve. Went to 3020' & tested backside. PUH to 2837'. Set pkr & pressure tested to 1000 psi. Pumped dn tbg to establish rate. 3.5 bbls per min. RU Halliburton. Tested lines to 3000 #. Pumped 25 bbls FW. Mixed & pumped 150 sxs (31bbls). RD Halliburton. Released pkr & POOH LD pkr. PU drill collars. RIH drilled out cmt. & pressure tested to 500# for 30 min. POOH w/RBP. Tagged cmt @ 3601' Drilled to 3795'. Drilled out cement to 3977'. Tagged RBP & POOH LD drill collars. Released RBP. RD BOP. PU motor & pump & RIH w/21 stands. NU WH. Released rig. Returned well to production.

NAME (PLEASE PRINT) Sharon Ward

TITLE Permitting Manager

SIGNATURE

Sharon Ward

DATE 5/21/2007

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RECEIVED

MAY 24 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED
AUG 13 2007
DIV. OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU019379

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8910081780 Upper Valley Unit

8. WELL NAME and NUMBER:

Upper Valley Unit 9

9. API NUMBER:

4301720324

10. FIELD AND POOL, OR WILDCAT:

Upper Valley Kaibab

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER _____

2. NAME OF OPERATOR:

Citation Oil & Gas Corp.

3. ADDRESS OF OPERATOR:

P O Box 690688

CITY

Houston

STATE

TX

ZIP

77269

PHONE NUMBER:

(281) 517-7800

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980 FSL & 1980 FEL

COUNTY: Garfield

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 24 36S 1E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

8/2/2007

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☒ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Replace ESP
equipment

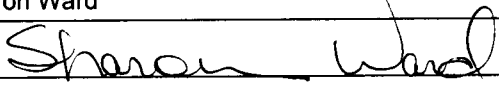
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7/31/2007 RU & POOH w/tbg & LD equipment. PU new equipment & RIH w/new cable & flat lead. Put well back on production on 8/1/2007. RD MO SU.

NAME (PLEASE PRINT) Sharon Ward

TITLE Permitting Manager

SIGNATURE



DATE 8/6/2007

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